Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

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UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

Smallpox on the British ship Alice A. Leigh.

PORT TOWNSEND QUARANTINE, *April 16, 1897.*

SIR: I have the honor to report that the British ship *Alice A. Leigh* arrived at the British Columbia quarantine station April 11, 1897, forty-four days from Shanghai, with three cases of smallpox on board. Two deaths had occurred on the voyage.

Very respectfully, WM. G. STIMPSON,
Passed Assistant Surgeon, U. S. M. H. S.

Yellow fever on the steamship Finance.

A case of yellow fever was removed April 22 from the steamship *Finance* to the Swinburn Island Hospital, New York. The patient died the same day, and the necropsy verified the diagnosis. The disease was probably contracted in Panama, as he embarked at Colon on April 15.

The consuls at Panama and Colon have been requested to exercise every possible precaution before granting bills of health to vessels leaving those ports for the United States.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to April 30, 1897.**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile	Dec. 28–Jan. 26	2		
	Mar. 28	1		
	Apr. 17	1		
Union Springs	Mar. 21		1	
Connecticut:				
New Haven	Feb. 17	1		

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to April 30, 1897—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Florida:				
Pensacola	Jan. 19–Feb. 20	13		
	Feb. 28–Mar. 10	14		12 varioloid.
	Mar. 27–Apr. 3	3		Varioloid.
	Apr. 10–Apr. 17			5 cases varioloid.
Escambia County not including Pensacola)	Dec. 2–Jan. 19	18		
Illinois:				
Chicago	Mar. 25			Smallpox reported; brought from Mexico.
	Mar. 27–Apr. 3		1	
	Apr. 10–Apr. 17	2		
Indiana:				
Greenwood	Feb. 12	1		
Massachusetts:				
New Bedford	Apr. 10–Apr. 17	1		
Michigan:				
Blissfield Township	Mar. 27–Apr. 10			Smallpox reported.
	Apr. 17			Do.
New York:				
New York	Apr. 17–Apr. 24		3	
Pennsylvania:				
Drifton	Apr. 6	1		
Washington:				
Tacoma	Feb. 6	1		
Olympia	Mar. 1	1		

*For table of smallpox in the United States, etc , May 9, 1896, to December 29, 1896, see PUBLIC HEALTH REPORTS, Vol. XII, No. 1.

Report of immigration at Boston for the week ended April 24, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, April 24, 1897.

Number of alien immigrants who arrived at this port during the week ended April 24, 1897; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 18	Steamship Yarmouth	Yarmouth, Nova Scotia	151
Apr. 19	Steamship Barnstable	Port Antonio, Jamaica	5
Do.	Steamship Cephalonia	Liverpool and Queenstown	407
Apr. 22	Steamship Armenian	Liverpool, England	1
Do.	Steamship Yarmouth	Yarmouth, Nova Scotia	152
Do.	Steamship Georgian	London, England	1
Apr. 24	Schooner C. W. Mader	Mahone Bay, Novo Scotia	1
	Total		718

THOMAS F. DELHANTY,
U. S. Commissioner of Immigration.

Report of immigration at New York for the week ended April 24, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, April 26, 1897.

Number of alien immigrants who arrived at this port during the week ended April 24, 1897; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 18	Steamship Phœnicia	Hamburg	248
Do	Steamship New York	Southampton	271
Do	Steamship Oregon	Naples	742
Do	Steamship Norge	Copenhagen, etc	212
Do	Steamship La Champagne	Havre	420
Apr. 20	Steamship Albano	Hamburg	134
Do	Steamship Werkendam	Rotterdam	103
Apr. 21	Steamship Bohemia	Hamburg	82
Do	Steamship Obdam	Rotterdam	112
Do	Steamship Westernland	Antwerp	201
Apr. 22	Steamship Karamania	Naples	600
Do	Steamship Fulda	Genoa and Gibraltar	837
Do	Steamship Trave	Bremen	97
Apr. 23	Steamship Peninsular	Lisbon and The Azores	122
Apr. 24	Steamship Normania	Hamburg	182
Do	Steamship Britannic	Liverpool and Queenstown	509
Do	Steamship Persia	Hamburg	338
Do	Steamship Chateau Yquem	Marseilles, Naples, etc	755
	Total		5,965

ED. S. MCSWEENEY,
Acting Commissioner of Immigration.

Report of immigration at Philadelphia for the week ended April 24, 1897.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, April 24, 1897.

Number of alien immigrants who arrived at this port during the week ended April 24, 1897; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 18	Steamship Indiana	Liverpool	88
Apr. 19	Steamship Ethelwold	Port Antonio	1
Apr. 21	Steamship Assyrian	Glasgow	1
Apr. 22	Steamship Minnesota	London	1
Do	Steamship Nederland	Antwerp	85
	Total		176

JNO. J. S. ROGERS,
U. S. Commissioner of Immigration.

QUARANTINE REPORTS.

National quarantine and inspection stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Brunswick, Ga.								No report	
Cape Fear, N. C.	Apr. 24							No transactions	
Delaware Breakwater, Del.	Apr. 17	Am. sc. Wm. J. Lermond.	Apr. 15	Habana	Waiting orders.	Held for observation	Apr. 16	Allowed to pass without pratique.	11
	Apr. 24								8
Eureka, Cal.								No report	
Grays Harbor, Wash.	Apr. 21							No transactions	
Gulf, Ship Island, Miss.	Apr. 17	Ital. bkn. Fiducia	Apr. 6	Rio	Mobile	Held for disinfection			4
		Br. ss. Planet Mercury.	Apr. 17	do	Ship Island	Held for instructions			
Newbern, N. C.	do							No transactions	
Port Townsend, Wash.	do	Jap. ss. Tenshin Maru	Apr. 15	Hongkong	Seattle	Disinfected and passed			3
Reedy Island, Del.	do								26
	Apr. 24								20
San Diego, Cal.	Apr. 17								1
San Francisco, Cal.	Mar. 20	Am. bkn. Willis D. Hume.	Mar. 19	Shanghai	San Francisco.	Held for disinfection		8 of crew sick; detained for observation.	20
		Br. ss. Clan McFarland.	Mar. 20	Hongkong	do	do		18 cases cholera on bill of health; 1 death diarrhea (?) en route and 4 cases on board.	
	Mar. 27	Am. bkn. Willis D. Hume.	Mar. 19	Shanghai	do	do	Mar. 23		14
		Br. ss. Clan McFarland.	Mar. 20	Hongkong	do	do	Mar. 22		
South Atlantic, Blackbeard Island, Ga.	Apr. 17	Sw. bk. Familjen*	Mar. 31	Rio	Savannah	Disinfected and held	Apr. 12		1
		Port. bk. Mariposa*	Apr. 5	do	do	do	Apr. 13		
		Am sc. Geo. Bailey*	do	do	do	do	Apr. 12		
Tortugas, Key West, Fla.	Apr. 17							No transactions	
Washington, N. C.	Apr. 24							do	

*Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Apalachicola, Fla								No report	
Boston, Mass	Apr. 24								20
Carrabelle, Fla	Apr. 17								5
	Apr. 24								2
Charleston, S. C	do								3
Elizabeth River	do								1
Galveston, Tex	Apr. 17								4
	Apr. 24								5
Key West, Monroe Co., Fla.	do								5
New Bedford								No report	
Newport News, Va								do	
Newport, R. I								do	
Providence, R. I	Apr. 24							No transactions	

Reports of States and yearly and monthly reports of cities.

ALABAMA—*Mobile.*—Month of February, 1897. Population, 31,076. Total deaths, 96—white, 50; colored, 46, including 1 from enteric fever, and 14 from phthisis pulmonalis.

Month of March, 1897. Total deaths, 69—white 33; colored 36, including phthisis, 10.

CALIFORNIA.—Month of March, 1897. Reports from 48 towns, having an estimated population of 747,555, show 1,077 deaths, including 194 from phthisis pulmonals; enteric fever, 12; diphtheria and croup, 25; scarlet fever, 2; measles 5, and whooping cough, 9.

ILLINOIS—*Chicago.*—Month of March, 1897. Population, 1,099,850. Total deaths, 1,921, including diphtheria, 57; enteric fever, 41; measles, 20; scarlet fever, 10; phthisis pulmonalis, 191, and whooping cough, 16.

MASSACHUSETTS—*North Attleboro.*—Month of March, 1897. Population, 6,727. Total deaths, 6.

Worcester.—Month of March, 1897. Population, 103,086. Total deaths, 158, including diphtheria and croup, 7; scarlet fever, 3, and measles, 4.

MICHIGAN.—Week ended April 17, 1897. Reports to the State board of health, Lansing, by observers in different parts of the State, show that phthisis pulmonalis was reported present in 165 places, measles at 85 places, scarlet fever at 23 places, diphtheria at 20 places, enteric fever at 16 places, and whooping cough at 7 places.

MISSOURI—*Kansas City.*—Month of March, 1897. Estimated population, 165,000. Total deaths, 181, including diphtheria, 3; enteric fever, 1; measles, 2; phthisis pulmonalis, 12, and whooping cough, 2.

NEBRASKA—*Omaha.*—Month of February, 1897. Population, 140,452. Total deaths, 74, including diphtheria and croup, 1; enteric fever, 2, and phthisis pulmonalis, 11.

Month of March, 1897. Total deaths, 79, including diphtheria and croup, 2; measles, 8; enteric fever, 2, and phthisis pulmonalis, 8.

NEW JERSEY—*Paterson.*—Month of March, 1897. Estimated population, 106,248. Total deaths, 175, including diphtheria and croup, 18; enteric fever, 1; phthisis pulmonalis, 17, and measles, 7.

NEW YORK—*Buffalo.*—Month of March, 1897. Estimated population, 350,000. Total deaths, 411, including diphtheria and croup, 18; enteric fever, 10; measles, 9; scarlet fever, 1; phthisis pulmonalis, 43, and whooping cough, 18.

OHIO—*Columbus.*—Month of March, 1897. Estimated population, 100,000. Total deaths, 107, including enteric fever, 2, and phthisis pulmonalis, 26.

Dayton.—Month of March, 1897. Population, 85,000. Total deaths, 74, including diphtheria, 2, and phthisis pulmonalis, 17.

UTAH—*Salt Lake City.*—Month of March, 1897. Estimated popula-

tion, 70,000. Total deaths, 49, including diphtheria, 1; enteric fever, 1, and phthisis pulmonalis 7.

VIRGINIA—*Richmond.*—Month of February, 1897. Estimated population, 103,560—white, 56,440; colored, 47,120. Total deaths, 138—white, 64; colored, 74—including diphtheria, 1; enteric fever, 1; scarlet fever, 1, and phthisis pulmonalis, 20.

Month of March, 1897. Total deaths, 151—white, 68; colored, 83—including phthisis pulmonalis, 24.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from— Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Ashtabula, Ohio	Apr. 27	8,338	3											
Baltimore, Md	Apr. 24	434,437	147	16						1	2	3		
Battle Creek, Mich	Apr. 17	13,197	5											
Binghampton, N. Y	Apr. 24	35,005	14	1										
Boston, Mass	do	448,477	248	31						1	3	9	1	2
Braddock, Pa	Apr. 17	8,561	7											
Bristol, R. I	do	5,478	2											
Do	Apr. 24	5,478	4	2										
Brooklyn, N. Y	do	806,343	364	35						1	4	19	4	3
Brownsville, Tex	Apr. 17	6,134	7											
Cambridge, Mass	do	70,028	31	1								3		
Do	Apr. 24	70,028	35	4							1			1
Carlisle, Pa	Apr. 17	7,620	2											
Charleston, S. C	Apr. 10	* 54,955	†27	6						1				
Do	Apr. 17	*54,955	‡29	3						1				
Chicago, Ill	do	1,099,850	436	58						8	3	12	5	6
Cleveland, Ohio	do	261,353	106	7						1				
Do	Apr. 26	261,353	99	3						2				
Columbus, Ind	Apr. 24	6,719	3	1										
Columbus, Ohio	do	88,150	26	4										
Dayton, Ohio	Apr. 15	61,220	24	5										1
Do	Apr. 22	61,220	22	3										
Dedham, Mass.	Apr. 17	7,123	4											
Dunkirk, N. Y	do	9,416	3											
Elizabeth, N. J	do	37,764										1		
Erie, Pa	Apr. 17	40,634	15											
Do	Apr. 24	40,634	15	2									2	
Everett, Mass	Apr. 16	11,068	7									3		
Fall River, Mass	Apr. 29	74,398	39	4										
Fitchburg, Mass	Apr. 17	22,037	8	1										
Gloucester, Mass	do	24,651	5											1
Grand Rapids, Mich	do	60,278	15							1				
Do	Apr. 24	60,278	18	1								1		1
Haverhill, Mass	do	27,412	14	3										
Ironton, Ohio	do	10,939	4	1						1				
Jacksonville, Fla	Apr. 17	17,201	14	1										
Jersey City, N. J	Apr. 18	163,003	69	9						1		6		1
Johnstown, Pa	Apr. 24	21,805	6							1				
Kalamazoo, Mich	Apr. 19	17,853	12											
Do	Apr. 24	17,853	6											
Lawrence, Mass	Apr. 17	44,654	21											
Lowell, Mass	Apr. 24	77,696	21	3						1			1	1
Lynchburg, Va	do	19,709	7											1
McKeesport, Pa	Apr. 17	20,741	6	1										
Massillon, Ohio	Apr. 10	10,092	2											
Do	Apr. 17	10,092	6											
Do	Apr. 24	10,092	4	1								1		
Medford, Mass	do	11,079	3											
Memphis, Tenn	do	64,495	28	12										
Michigan City, Ind	Apr. 17	10,776	3											
Middletown, N. Y	Apr. 23	11,977	8	1										
Middletown, Ohio	Apr. 10	7,681	2											
Do	Apr. 17	7,681	1											
Do	Apr. 24	7,681	3											
Minneapolis, Minn	Apr. 17	164,738	45	7						6	1			2
Mobile, Ala	Apr. 24	31,076	19	2										
New Bedford, Mass	do	40,733	16	1										
Newburyport, Mass	Apr. 17	13,947	5											
New Orleans, La	do	242,039	99	17								2		
Do	Apr. 24	242,039	138	20						1		2		
Newport, R. I	do	19,457	3											
New York, N. Y	do	1,515,301	749	107		3				4	13	39	6	10
Norristown, Pa	Apr. 17	19,791	4	1										
North Adams, Mass	Apr. 24	16,074	4	1										
Omaha, Nebr	Mar. 27	140,452	13	2									2	
Do	Apr. 3	140,452	15	1										
Do	Apr. 10	140,452	19	2							2		1	
Oneonta, N. Y	Apr. 24	6,272	4	2										
Petersburg, Va	Apr. 18	22,680	9	2										
Do	Apr. 25	22,680	9	1										
Philadelphia, Pa	Apr. 17	1,046,964	419	43						5	6	15		12
Do	Apr. 24	1,046,964	524	63						11	12	20	3	7

* Estimated population, 65,165; white, 28,870; colored, 36,295.
† White, 6; colored, 21. ‡ White, 7; colored, 22.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Pittsfield, Mass	Apr. 24	17,281	7											
Providence, R. I	do	132,146	55	5									1	
Pueblo, Colo	Apr. 17	24,558	8											
Reading, Pa	Apr. 26	58,661	23	3						2		1		
Salt Lake City, Utah	Apr. 19	44,843	6											
San Diego, Cal	Apr. 17	16,159	5											
St. Louis, Mo	do	451,770	180	18						2		1		
Scranton, Pa	do	75,215	32									1		
Do	Apr. 24	77,215	34	1								1	5	
Spokane, Wash	Apr. 17	19,922	7								1			
Taunton, Mass	do	25,448	11										1	
Do	Apr. 24	25,448	12										1	
Utica, N. Y	Apr. 17	44,007	16	2						1				
Do	Apr. 24	44,007	20	2										
Waltham, Mass	Apr. 17	18,707	6											
Do	Apr. 24	18,707	5											
Warren, Ohio	Apr. 17	5,973	3											
Do	Apr. 24	5,973	3											
Washington, D. C	Apr. 21	230,392	106	15						3		1		1
West Newton, Mass	Apr. 17	24,379	11	3										
Do	Apr. 24	24,379	10	1										
Winona, Minn	Apr. 17	18,208	5							1				
Woburn, Mass	do	13,499	8											
Worcester, Mass	Apr. 16	84,655	34	5										
Youngstown, Ohio	Apr. 24	33,220	8											

Table of temperature and rainfall, week ended April 26, 1897.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	* Excess.	* Defic'ncy.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me	41		1	.63		.63
Portland, Me	45	1		.70		.70
Northfield, Vt	42	6		.54		.44
Boston, Mass	48	6		.78		.78
Vineyard Haven, Mass	49	1		.60		.60
Nantucket, Mass	44			.84		
Woods Hole, Mass	45		1	.91		.91
Block Island, R. I	46			.78		
New Haven, Conn	49	1		.78		.78
Albany, N. Y	50	4		.61		.51
New York, N. Y	52	0		.77		.77
Harrisburg, Pa	54	2		.85		.85
Philadelphia, Pa	54	2		.70		.70
New Brunswick, N. J	53	3		.73		.73
Atlantic City, N. J	50		2	.72		.72
Baltimore, Md	56	2		.77		.77
Washington, D. C	56	3		.76		.75
Lynchburg, Va	58	2		.79		.79
Cape Henry, Va	57		1	1.00		1.00
Norfolk, Va	59	1		.91		.91
Charlotte, N. C	62	0		.80		.80
Raleigh, N. C	60	2		.61		.61
Kittyhawk, N. C	58	0		.98		.98
Hatteras, N. C	60		4	1.05		1.05
Wilmington, N. C	64		4	.69		.69
Columbia, S. C	65		1	.64		.64
Charleston, S. C	66	0		.84		.84
Augusta, Ga	67		3	.73		.73
Savanna, Ga	68		2	.81		.81
Jacksonville, Fla	71		1	.66		.66
Jupiter, Fla	75		5	.62		.32
Key West, Fla	77		3	.29		.29
Gulf States:						
Atlanta, Ga	64	0		.84		.84
Tampa, Fla	73		3	.38		.38
Pensacola, Fla	70		2	.74		.74
Mobile, Ala	70		2	.96		.96
Montgomery, Ala	68	0		1.05		1.05
Vicksburg, Miss	69		1	1.34		1.14
New Orleans, La	71		1	1.19		1.19
Shreveport, La	70	2		1.22		.72
Fort Smith, Ark	65	3		1.29	.01	
Little Rock, Ark	65	3		1.18		.18
Palestine, Tex	68	2		1.14		.24
Galveston, Tex	72	0		.70		.70
San Antonio, Tex	71	1		.75		.35
Corpus Christi, Tex	72	0		.37		.37
Ohio Valley and Tennessee:						
Memphis, Tenn	65	1		1.26		1.16
Nashville, Tenn	62	0		1.12		.12
Chattanooga, Tenn	64		2	1.01		.91
Knoxville, Tenn	61	1		1.12		.52
Louisville, Ky	60	2		.99		.59
Indianapolis, Ind	55	1		.91	.09	
Cincinnati, Ohio	57	3		.27		.27
Columbus, Ohio	54	4		.78		.28
Parkersburg, W. Va	55	5		.81		.41
Pittsburg, Pa	54	4		.69		.19
Lake Region:						
Oswego, N. Y	45	7		.50		0.00
Rochester, N. Y	47	7		.60		.20
Buffalo, N. Y	45	5		.61		.21
Erie, Pa	47	5		.59		.49
Cleveland, Ohio	48	8		.54		.14
Sandusky, Ohio	49	7		.61		.21
Toledo, Ohio	50	4		.54	.16	
Detroit, Mich	49	1		.55	.15	
Lansing, Mich	52			.56	.44	
Port Huron, Mich	41	6		.54		.14
Alpena, Mich	40	6		.58	.32	
Sault Ste. Marie, Mich	40	0		.42	.78	
Marquette, Mich	40	6		.49		.09
Green Bay, Wis	46	4		.53		.43
Grand Haven, Mich	47	1		.63	.77	

* The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended April 26, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Lake Region—*Continued.*						
Milwaukee, Wis	47	5		.70	.80	
Chicago, Ill	49	7		.74	.46	
Duluth, Minn	41	5		.62		.42
Upper Mississippi Valley:						
St. Paul, Minn	50	2		.64		.34
La Crosse, Wis	51	1		.58		.38
Dubuque, Iowa	52	2		.68	1.62	
Davenport, Iowa	53	3		.70	.90	
Des Moines, Iowa	54	0		.74	4.66	
Keokuk, Iowa	55	3		.84	.66	
Springfield, Ill	56	2		.94	.16	
Cairo, Ill	61	1		.91		.01
St. Louis, Mo	59	3		.91		.01
Missouri Valley:					.52	
Columbia, Mo	59	3		.98		.35
Springfield, Mo	60	2		1.15		
Kansas City, Mo	58	4		.73	.87	
Wichita, Kans	59	7		.58	.82	
Concordia, Kans	56	8		.54	1.86	
Lincoln, Nebr	54	4		.56	3.24	
Omaha, Nebr	55	1		.83	2.87	
Sioux City, Iowa	55	1		.77	.63	
Yankton, S. Dak	51	5		.78		.68
Valentine, Nebr	50			.70		
Huron, S. Dak	49	1		.70		.70
Pierre, S. Dak	51		3	.49		.39
Moorhead, Minn	44	6		.56		.46
Bismarck, N. Dak	46	0		.60		.50
Williston, N. Dak	47	3		.40		.20
Rocky Mountain Region:						
Havre, Mont	47	3		.23	.27	
Helena, Mont	47	0		.28		.10
Miles City, Mont	50	2		.29	.21	
Rapid City, S. Dak	48	2		.60		.40
Spokane, Wash	51	1		.35		.15
Wallawalla, Wash	57		1	.35		.05
Baker City, Oreg	46	2		.28		.08
Winnemucca, Nev	50			.23		
Salt Lake City, Utah	53		5	.49	.81	
Lander, Wyo	44			.61		
Cheyenne, Wyo	45	1		.36		.36
North Platte, Nebr	52	2		.56		.56
Denver, Colo	50	2		.56		.46
Pueblo, Colo	53	1		.41		.31
Dodge City, Kans	57	5		.42	.48	
Oklahoma, Okla	63	5		.77	2.03	
Amarillo, Tex	59	5		.26	.14	
Abilene, Tex	66	2		.73		.73
Santa Fe, N. Mex	50	4		.21		.11
El Paso, Tex	67	0		.06		.06
Phœnix, Ariz	69		3	.07		.07
Pacific Coast:						
Tatoosh Island, Wash	48			1.56		
Port Angeles, Wash	47			.42		
Fort Canby, Wash	49	1		1.25		.45
Portland, Oreg	54	0		.67		.27
Roseburg, Oreg	53		1	.58		.18
Eureka, Cal	51	1		.82		.72
Redbluff, Cal	62	2		.44		.34
Carson City, Nev	50		4	.21		.21
Sacramento, Cal	61	1		.49		.39
San Francisco, Cal	57	3		.39		.39
Fresno, Cal	64		2	.25		.25
Los Angeles, Cal	61	1		.23		.23
San Diego, Cal	60	0		.14		.14
Yuma, Ariz	72		1	.00		.00

* The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera, yellow fever, and plague as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to April 27, 1897.**

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay	Dec. 8-Dec. 15		1	
	Dec. 22-Dec. 29		1	
Calcutta	Nov. 14-Jan. 30		267	
	Jan. 31-Feb. 27		311	
	Feb. 28-Mar. 6		125	
	Mar. 6-Mar. 13		166	
Madras	Nov. 21-Nov. 27		2	
	Nov. 28-Dec. 4		1	
	Dec. 12-Dec. 25		6	
	Dec. 26-Jan. 29		22	
	Jan. 30-Feb. 26		13	
	Feb. 27-Mar. 5		2	
	Mar. 6-Mar. 19		1	
Singapore	Nov. 1-Nov. 30		12	
	Dec. 1-Dec. 31		5	
Ceylon:				
Colombo	Nov. 28-Jan. 23		114	
	Jan. 23-Jan. 30	1	1	
England:				
Plymouth	Jan. 9		4	On steamship *Nubia*. No cases in city.
Japan:				
Tokyo	Dec. 4-Dec. 29	8	7	
	Dec. 30-Jan. 18	3	3	
Yokohama	Dec. 4-Dec. 29	4	3	
	Dec. 30-Jan. 18	2	2	

YELLOW FEVER.

Brazil:				
Para	Dec. 12-Jan. 30		32	
	Jan. 31-Feb. 27		20	
	Feb. 27-Mar. 6		9	
	Mar. 13-Mar. 20		3	
Rio de Janeiro	Nov. 21-Dec. 26		10	
	Dec. 26-Jan. 30		28	
	Feb. 13-Feb. 20	21	6	
	Feb. 20-Mar. 6		16	
	Mar. 7-Mar. 13	18	5	
Cuba:				
Cardenas	Dec. 25-Jan. 30	84	8	
	Jan. 31-Feb. 27	38	1	
Cienfuegos	Dec. 20-Dec. 27		8	
	Dec. 28-Jan. 17		2	
	Apr. 4-Apr. 11		1	
Habana	Dec. 17-Dec. 31	220	79	
	Jan. 1-Jan. 28	400	144	
	Jan. 28-Feb. 25	117	44	
	Feb. 25-Mar. 25	130	38	
	Mar. 25-Apr. 22	272	68	
Matanzas	Dec. 9-Dec. 23		8	
	Dec. 23-Jan. 27		19	
	Jan. 27-Feb. 24		4	
	Feb. 25-Mar. 31		2	
	Apr. 1-Apr. 7		1	
Santiago	Dec. 5-Dec. 26		17	
	Dec. 26-Jan. 30		16	
	Jan. 16-Jan. 30		5	
	Jan. 30-Feb. 27		6	
	Feb. 27-Mar. 27		3	

* For table of cholera and yellow fever, as reported to the Supervising Surgeon-General United States Marine-Hospital Service December 26, 1895-December 29, 1896, see PUBLIC HEALTH REPORTS, Vol. XII, No. 1.

Cholera, yellow fever, plague, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Cuba:				
Sagua la Grande	Dec. 19-Dec. 26	50	5	
	Dec. 26-Jan. 9	65	6	
	Jan. 9-Jan. 30	110	12	
	Jan. 31-Feb. 27	35	7	
	Feb. 27-Mar. 27	54	17	
	Mar. 28-Apr. 10	29	2	
Ecuador:				
Guayaquil	Dec. 18-Jan. 1	.....	9	
Haiti:				
Port au Prince	Dec. 1-Dec. 7	.....	2	
	Dec. 14	.....	.....	Yellow fever epidemic.
	Mar. 1-Mar. 8	.....	3	
Guadeloupe:				
Basse Terre	Jan. 5	1	.....	
United States of Colombia:				
Panama	Apr. 14	20	17	

PLAGUE.

Egypt:				
Suez	Mar. 31	.....	.....	One case of plague on Br. S. S. *Dilwara* from Bombay.
India:				
Bombay *	Dec. 1-Dec. 22	.....	694	This is the number of deaths officially reported. The United States consul estimates the number of deaths for the same period at 2,763.
	Dec. 22-Jan. 5	.....	738	Estimated deaths for this same period, 2,953.
	Jan. 5-Jan. 12	.....	335	Estimated deaths for this same period, 1,388.
	Jan. 12-Jan. 19	.....	470	
	Jan. 19-Jan. 26	.....	443	Estimated deaths for this same period, 1,462.
	Jan. 26-Feb. 23	.....	2,884	Estimated deaths for this same period, 5,845.
	Feb. 23-Mar. 9	.....	1,282	Estimated deaths for this same period, 2,265.
	Mar. 9-Mar. 23	.....	935	Estimated deaths for this same period, 1,861.
Calcutta	Feb. 6-Feb. 13	.....	1	
Karachi	Jan. 11	.....	.....	Plague epidemic; 220 cases, 214 deaths to date.
China:				
Hongkong	Dec. 13-Dec. 29	.....	.....	A few cases.
Japan:				
Formosa	Nov. 6-Nov. 30	53	37	
	Dec. 4-Dec. 29	.....	15	
	Jan. 19-Jan. 27	3	.....	
	Feb. 23-Mar. 12	3	.....	
	Mar. 13-Mar. 23	4	.....	
	Mar. 24-Mar. 31	3	.....	
Russia:				
Theodosia	Mar. 31	.....	.....	One case of plague on Br. S. S. *Baldwin*.

* Official returns show 9,118 cases and 7,602 deaths to March 12.

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, April 7, 1897.]

RUSSIA.—According to advices of March 27, a military cordon will be put in force on the frontier to prevent the importation of plague from Persia and Turkey into the Caucasus, immediately on the appearance of the first case in the countries named. The cordon will consist

of 35,000 men, who will be drafted from the regiments of the Caucasian military districts. The troops will be drawn out in two lines, one lying directly on the frontier, in the space between the posts of the frontier guard; the other lying behind the first and serving as a reserve force. Arrangements shall be made to put the cordon in force within one or two days from the receipt of the order from St. Petersburg.

BRITISH EAST INDIES.—By order of the Government of Bengal, dated March 2, quarantine laws are put in force at Calcutta against Goa similar to those in force against arrivals from Karachi.

MOROCCO.—According to advices of March 21, the Sultan has ordered all police authorities and governors of States and harbor towns to prevent the departure of pilgrims during the current year. The pilgrimage to Mecca may be resumed next year.

Cholera and plague.

CHOLERA.

FRANCE.—The Weekly Bulletin of Sanitary Statistics states that a case of cholera was reported from the St. Lambert quarter, by hospital report, during the week ended March 27.

PLAGUE.

BRITISH EAST INDIES.—In the city of Bombay, during the four weeks from February 10 to March 9, 845, 778, 692, and 590 deaths from plague were reported. New cases are reported from the Punjaub, and in the interior of Scind, as far as Sukkur, isolated cases are reported.

CUBA.

Smallpox and yellow fever in Cuban seaports.

April 24: The United States sanitary inspector at Habana reports that during the week ended April 22 there were in that city 16 deaths from yellow fever, with 60 new cases, and 200 new cases of smallpox, with 22 deaths.

April 20: The United States consul at Cardenas reports that during the week ended April 17 there were in that city no new cases and no deaths from yellow fever, and 60 cases and 10 deaths from smallpox.

April 16: The United States consul at Matanzas reports that during the week ended April 14 there were in that city 3 deaths from smallpox.

Sanitary report from Habana.

HABANA, ISLAND OF CUBA, *April 24, 1897.*

SIR: I have the honor to inform you that smallpox continues to diminish slowly here, that yellow fever has not increased during the past week, and that other spreading diseases exist only to a limited extent.

Mortuary report.—During the week ended April 22 there were 250 deaths from all diseases in this city, 16 of which were caused by yellow fever, with 60 new cases approximately; 22 were caused by smallpox, with approximately 200 new cases; 5 were caused by enteric fever, 3 by so-called pernicious fever, 3 by paludal fever, 15 by enteritis, 10 by dysen-

tery, 3 by diphtheria, 1 by grippe, 1 by glanders, 8 by pneumonia, and 41 by tuberculosis.

All of the 16 deaths from yellow fever during the week occurred among Spanish soldiers in the military hospitals, and all of the 22 from smallpox were among civilians in different parts of the city.

Heavy rains for five consecutive days during last and parts of this week followed by quite cool weather have undoubtedly had a tendency to check temporarily the spread of yellow fever.

Very respectfully, your obedient servant,

D. M. BURGESS,
Sanitary Inspector, U. S. M. H. S.

INDIA.

Remarks on the official summary of deaths and births in the city of Bombay for the week ending March 16, 1897.

BOMBAY, *March 18, 1897.*

SIR: The local plague commission are establishing hospitals in every ward. They have started house-to-house inspection, providing accommodation for those rendered homeless by destruction of uninhabitable and insanitary houses. The increased vigor and thoroughness of the commission operate in contributing to decrease the death rate locally. There is no improvement in the interior. A large reflux of population is expected next week after holidays. Business still paralyzed. Dr. Yersin's treatment appears to show equally good results here as in Hongkong.

Population according to census of 1891	821,764
Present population, for the purpose of this report, estimated one-half the above	410,882
Total number of deaths reported for the week	1,258
Total number of deaths for corresponding week last year	575
Mean number of deaths corresponding weeks, previous five years	534
Allowing that one-half the population has left the city, the proportionate number of deaths based on the mean of previous five years would be	267
Number of deaths last week that may be attributed to plague	991
Average per day from plague	142
Number of deaths from plague officially reported for week	497
Average per day	71
Probable average number of deaths per day from plague reported as having died of other diseases	71
	142
Officially reported death rate for last week per 1,000	78.59
Same for corresponding week last year	34.99
Mean number for corresponding week previous five years	32.01
Number of births reported last week	97
Number for corresponding week last year	357
Mean number for corresponding week previous five years	253

C. F. MEYER,
United States Vice-Consul.

Remarks on the official summary of deaths and births in the city of Bombay for the week ended March 23, 1897.

BOMBAY, *March 25, 1897.*

SIR: All are greatly encouraged to hope by the decreasing mortality that we have seen the worst of the plague in Bombay, but it is expected

that with the return of large numbers of the population the mortality may correspondingly rise again. Three Europeans have died from this cause during the past week and several more were attacked who are not yet out of danger. Little confidence is felt generally in the efficacy of the prophylactic treatment of Drs. Yersin and Haffkine, though large numbers of natives and Europeans are offering themselves for inoculation. The cause of the outbreak and the best method of successful treatment are still among the things to be discovered. The pestilence in many cases assumes the most virulent form, like the black death in Europe, which defies any treatment.

Population according to census of 1891	821,764
Present population, for the purpose of this report, estimated one-half the above	410,882
Total number of deaths reported for the week	1,139
Total number of deaths for corresponding week last year	584
Mean of corresponding week previous five years	539
Allowing that one-half the population has left the city, the proportionate number of deaths based on the mean of previous five years would be	269
Number of deaths last week that may be attributed to plague	870
Average per day from plague	124
Number of deaths from plague officially reported for week	438
Average per day	63
Probable average number of deaths per day from plague reported as having died of other diseases	61
	124
Officially reported death rate for last week per 1,000	70.55
Same for corresponding week last year	34.61
Mean for corresponding week previous five years	32.20
Number of births reported last week	37
Number of births for corresponding week last year	339
Mean number for corresponding week previous five years	270

C. F. MEYER,
United States Vice-Consul.

JAPAN.

Sanitary report from Yokohama and Tokyo.

YOKOHAMA, *April 3, 1897.*

SIR: I have the honor to report that the smallpox epidemic in this city and its suburbs is declining in severity, as shown by the following return of cases: March 24, 8 cases, 9 deaths; March 25, 1 case, no deaths; March 26, 9 cases, 3 deaths; March 27, 5 cases, 1 death; March 28, no cases, no deaths; March 29, 11 cases, 4 deaths; March 30, 6 cases, 5 deaths; March 31, 3 cases, 1 death. Total, 43 cases; 23 deaths.

A few cases of typhus fever are still met with in Tokyo, but although I am unable to present the statistics, I am satisfied that at present this disease is not increasing.

A tolerably severe epidemic of measles, not, however, of a fatal type, is now prevailing both in Tokyo and Yokohama.

I am, sir, very respectfully, your obedient servant.

STUART ELDRIDGE, M. D.,
Sanitary Inspector, U. S. M. H. S.

YOKOHAMA, *April 3, 1897.*

SIR: I have the honor to forward herewith my regular report of infectious disease in Japan, for period March 24 to March 31, inclusive.

The decline in the severity of the smallpox as shown by this return is, probably, more apparent than real, on account of the absence of the statistics of the great city of Osaka, where the disease is now exceedingly prevalent.

As regards the few cases of plague reported from Formosa, I would state that the Japanese newspapers speak of the outbreak of a very severe and fatal epidemic in a remote district of that island, which is generally supposed to be plague, but which is, evidently, not included in the statistics of the Government.

I am, sir, very respectfully, your obedient servant,

STUART ELDRIDGE, M. D.,
Sanitary Inspector, U. S. M. H. S.

[Inclosure.]

Report of smallpox and plague in Japan, March 24 to March 31, 1897.

Locality.	Smallpox.		Locality.	Smallpox.	
	Cases.	Deaths.		Cases.	Deaths.
Kioto Fu	54	24	Nagano Ken	14	1
Osaka Fu			Nagasaki Ken	199	48
Tokyo Fu	109		Nara Ken		
Aichi Ken	46	4	Niigata Ken	62	16
Akita Ken	1		Oita Ken	29	5
Awomori Ken			Okayama Ken	27	9
Chiba Ken			Okinawa Ken	52	32
Fukui Ken	28	2	Saga Ken	1	1
Fukuoka Ken	408	155	Saitama Ken	218	77
Fukushima Ken	93	14	Shidzuoka Ken	129	36
Gifu Ken	5	1	Shiga Ken	16	4
Gumma Ken	60	6	Shimane Ken	6	1
Hiogo Ken	137	31	Tochigi Ken	86	23
Hiroshima Ken	63	18	Tokushima Ken	351	96
Ibaraki Ken			Tottori Ken	17	3
Ishikawa Ken	19	3	Toyama Ken	13	5
Iwate Ken	7	1	Wakayama Ken		
Kagawa Ken			Yamagata Ken	12	2
Kagoshima Ken	70	24	Yamaguchi Ken	46	16
Kanagawa Ken (Yokohama)	43	23	Yamanashi Ken	23	2
Kochi Ken	34	10	Yehime Ken	58	11
Kumamoto Ken	6	1	The Hokkaido	13	6
Miyagi Ken	95	31	Taiwan (Formosa)*	68	
Miyazaki Ken	18	5			
Miye Ken	121	29	Totals	2,857	776

*Three cases plague, but no report as to deaths.

STUART ELDRIDGE, M. D
Sanitary Inspector, U. S. M. H. S.

TURKEY.

Sanitary report from Constantinople.

[Report No. 173.]

CONSTANTINOPLE, *April 8, 1897.*

Official news reached from Russia states that the man who fell ill in Theodosia, and whose illness has been considered a bubonic-plague case, is improving, and that guinea pigs on which inoculations have been performed have not presented any plague symptons.

In Bombay, according to official reports communicated to the International Sanitary Commission, the epidemic is abating. In Karachi there occur about 29 deaths from plague every day.

The physicians who have been forwarded to the Persian Gulf in order

to take the necessary steps to prevent the spread of the epidemic in Turkey, will inspect, also, the two islands in the Persian Gulf, viz, Urmuz and Kishm, where, according to the decisions of the Venice conference, a lazaretto has to be established.

Except the first death from plague which has occurred in the lazaretto of Bassorah, no other case of this disease has been observed there in spite of the continuous arrival of fresh passengers who every day arrive there from Bombay and other ports of the Persian Gulf.

In Constantinople public health seems to be improving.

According to the official report of the bureau de statistique of this town from the 29th of last March up to the 5th instant, 256 deaths have been registered. Among these deaths 8 were from typhoid fever, 3 from smallpox, 3 from diphtheria, and 2 from scarlet fever.

I have the honor to forward to the Department the tableau statistique of the deaths occurred during the last three months of November, December, and January. *

SPIRIDION C. ZAVITZIANO.

STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town.*—Two weeks ended April 9, 1897. Population, 1,472. No deaths.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended April 10, 1897, correspond to an annual rate of 18.6 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Salford, viz, 27.1, and the lowest in Brighton, viz, 11.2 a thousand.

London.—One thousand five hundred and one deaths were registered during the week, including measles, 15; scarlet fever, 12; diphtheria, 23; whooping cough, 54; enteric fever, 10, and diarrhea and dysentery, 14. The deaths from all causes correspond to an annual rate of 17.5 a thousand. In greater London 1,922 deaths were registered, corresponding to an annual rate of 15.9 a thousand of the population. In the "outer ring" the deaths included 14 from diphtheria, 3 from measles, 14 from whooping cough, and 3 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended April 10, 1897, in the 23 principal town districts of Ireland was 29.5 a thousand of the population. The lowest rate was recorded in Ballymena, viz, 5.6, and the highest in Dublin, viz, 35.3 a thousand. In Dublin and suburbs 241 deaths were registered, including diphtheria, 2; scarlet fever, 3; measles, 25; whooping cough, 9; and 1 from typhus fever.

Scotland.—The deaths registered in 8 principal towns during the week ended April 10, 1897, correspond to the annual rate of 24.6 a thousand of the population, which is estimated at 1,549,907. The lowest mortality was recorded in Greenock, viz, 19.5, and the highest in Edinburg, viz, 26.7.

FRANCE—*Roubaix.*—Month of March, 1897. Estimated population,

* See statistical reports.

126,000. Total deaths, 233, including enteric fever, 2; scarlet fever, 2; diphtheria, 3, and whooping cough, 10.

SWITZERLAND—*Lucerne.*—Month of March, 1897. Estimated population, 23,500. Total deaths, 50, including diphtheria, 1.

TURKEY—*Constantinople.*—Months of November and December, 1896, and January, 1897. Population, 700,000. Total deaths, 3,287, including measles, 26; scarlet fever, 77; diphtheria, 113; smallpox, 97; enteric fever, 64, and phthisis pulmonalis, 605.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aix la Chapelle	Apr. 3	111,602	42							1		
Alexandria	Mar. 25	231,396	141			2					3	
Amherstburg	Apr. 17	2,300	0									
Amsterdam	Apr. 10	281,892	168							2		2
Antigua	Mar. 20	36,119	11									
Do	Mar. 27	36,119	8									
Do	Apr. 3	36,119	9									
Belize	Apr. 15	13,000	9									
Belleville	Apr. 19	10,459	4									
Bergen	Mar. 31	57,800	24									1
Bermuda	Apr. 9	15,010	2									
Bologna	Apr. 3	121,579	66									
Bombay	Mar. 16	821,764	*1258			2	1				13	
Do	Mar. 25	821,764	†1139								13	
Bremen	Apr. 3	142,500	56									
Brussels	do	507,985	177					1				
Budapest	Apr. 9	640,000					2		2	3	3	
Cairo	Mar. 25	374,838	314			2		4		1	1	1
Calcutta	Mar. 13	681,560	575	166		7					1	
Callao	Mar. 14	16,000	24									
Do	Mar. 21	16,000	29									
Do	Mar. 28	16,000	33									
Catania	Apr. 6	120,000	56				1	1	1			
Chatham	Apr. 20	9,052	3									
Cologne	Apr. 3	332,910	121							5		8
Colombo	Mar. 13	130,000	78									
Do	Mar. 20	130,000	109					1				
Copenhagen	Apr. 3	333,714	108						1		2	
Crefeld	do	108,200	41									
Dusseldorf	Mar. 27	183,579	86						2	3	1	
Do	Apr. 3	183,579	60						2	1		1
Flushing	Apr. 10	17,193	7									
Frankfort on the Main	do	238,000	86									2
Genoa	do	211,668	134					1		1	5	
Gibraltar	Apr. 4	25,800	13									
Girgenti	Apr. 3	24,428	9									
Governors Harbor	Apr. 10	1,500	2									
Guayaquil	Apr. 2	50,000	80					56				
Do	Apr. 9	50,000	55									
Halifax	Apr. 17	38,700	20									
Hongkong	Mar. 13	232,662	17			16					1	
Do	Mar. 22	232,662	18			17		1				
Iquique	Mar. 13	33,106	34					2				
Do	Mar. 20	33,106	41					1				
Kingston	Apr. 23	18,040	4									
Leeds	do	402,449	126							1	2	
Leghorn	Apr. 10	103,755	31									
Licata	Apr. 3	20,000	11					1				
Liege	Apr. 10	163,107	50									
Livingston	Mar. 13	2,000	1									
Do	Mar. 20	2,000	1									
Do	Mar. 27	2,000	1									
London, Canada	Apr. 17	34,855	8							11		1
Madras	Mar. 19	452,518	298	1							3	

*Plague, 497. †Plague, 438.